

Maintenance and Works Management

Work orders

AssetAsyst® has an in-built work order system which allows the user to assign defects that have been found on assets, through inspections or other means, to a person (or work crew) to fix. Having this system integrated with the asset database means that defects on assets will be both identified and closed out using the same system, keeping a detailed history of the asset and past work on it. All this information is designed to feed into the predictive modelling tool.

Service Requests

AssetAsyst® has the functionality to create service requests. These work in a similar manner to inspections, however, they allow for the contact details of the person making the request to be saved in the database.

Routine Maintenance

Routine maintenance allows for the bulk signing off of defects (of particular types) on given assets, when these defects are rectified through general maintenance activities. For example maintenance orders can be used to close out all

potholing and cracking defects on a road when it is re-surfaced as part of maintenance. These routine maintenance works can also be set up on a recurring schedule.

Capital Works

The Capital works order allows for the part or whole replacement of assets and the bulk close out of defects in an automated manner, with all works information feeding back into the financial management of the assets.

The screenshot displays the AssetAsyst software interface. At the top, a window titled "966 defects requiring attention" shows a list of defects with columns for Selected, Asset Type, Defect Category, Component, and Defect Type. Below this, a "Routine Maintenance Information" dialog box is open, showing a list of units and defect types. The "Units" list includes various road names like Abbotts Rd, Acacia La, Adams Rd, Addlem Rd, Arcden Rd, Arnsworth Rd, Atkerns Rd, Atkerns Rd No 2, Albert St, Alexander La, Alexandi Rd, Allen St, Allens La, Allens Rd, Allsons Rd, Almond St, Amaro Rd, Andrews La, and Andrews Rd. The "Defect Types" list includes MR Pavement: H111 Potholes >300mm dia >80mm deep, MR Pavement: H112 Regulation >100mm under 3m straight, MR Pavement: RM111 Potholes >300mm dia >30mm deep, and MR Pavement: RM113 Cracks >2mm. At the bottom of the dialog, there are buttons for "Sign Off Defects", "View Completed Defects", "Sign Off", "Save", and "Cancel".